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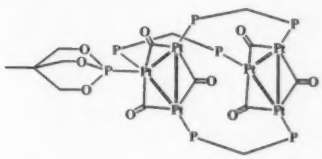

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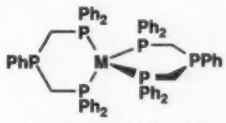

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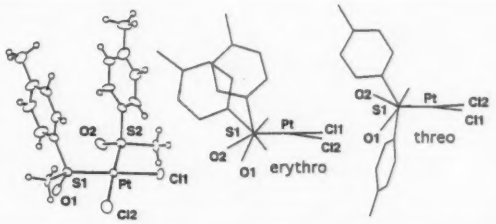

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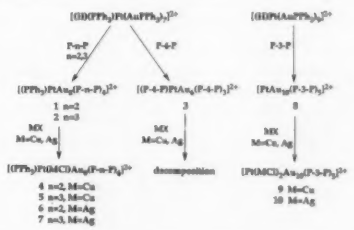

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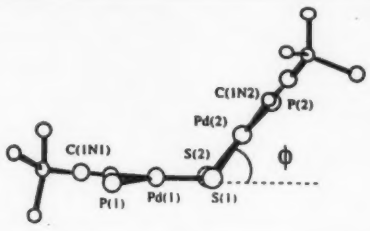
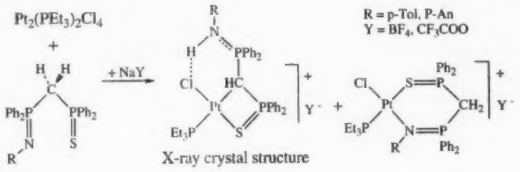
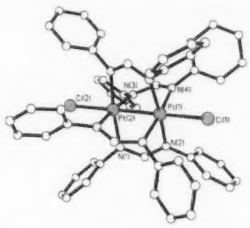
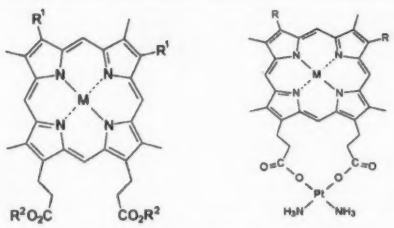
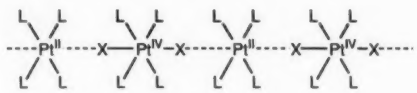
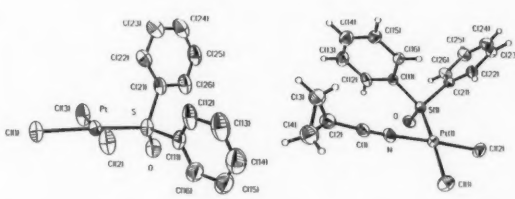
Ferrocene-based chiral dinuclear thiolato-bridged complexes of Pd(II) and Pt(II) ..... 33 A. Albinati, J. Herrmann, P.S. Pregosin	
Versatile coordination behavior of (*N*-aryliminophosphoranyl)-(thiophosphoranyl)methane and its anion to platinum(II) ..... 43 M.W. Avis, M. Goosen, C.J. Elsevier, N. Veldman, H. Kooijman, A.L. Spek	
Completion of the series of $Pt_2(ArNC(H)NAr)_4^{n}$, $n = 0, +1, +2$, compounds, with Pt–Pt sigma bond orders of 0, 1/2, 1, respectively ..... 61 F.A. Cotton, J.H. Matonic, C.A. Murillo	
Synthesis and in vitro testing of hematoporphyrin type ligands in platinum(II) complexes as potent cytostatic and phototoxic antitumor agents ..... 67 H. Brunner, K.-M. Schellerer, B. Treittinger	
^{15}N solid-state NMR studies of platinum ammine complexes ..... 81 P.J. Barrie, E.J.W. Austin, A. Barbieri, R.J.H. Clark	
Study of the aqueous reactions of $K[Pt(Ph_2SO)Cl_3]$ with nitrile ligands and crystal structures of $N(C_4H_9)_4[Pt(Ph_2SO)Cl_3]$, $N(C_2H_5)_4[Pt(Ph_2SO)Br_3]$ and *cis*-$Pt(Ph_2SO)(C_3H_5CN)Cl_2$ ..... 89 F.D. Rochon, S. Boutin, P.-C. Kong, R. Melanson	

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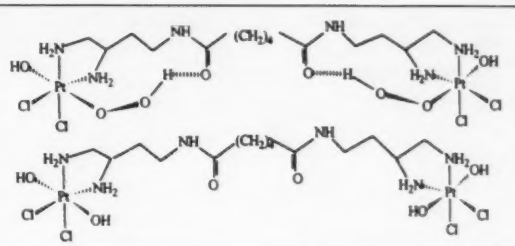

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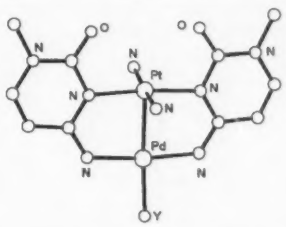

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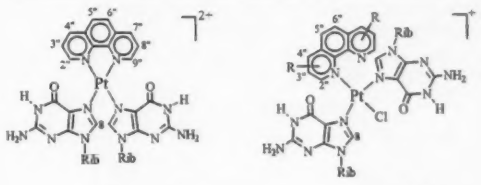

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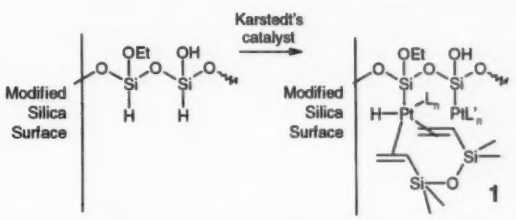

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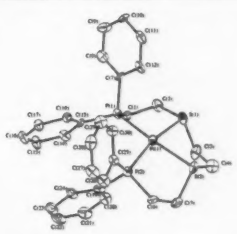

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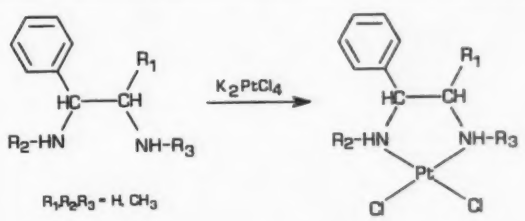
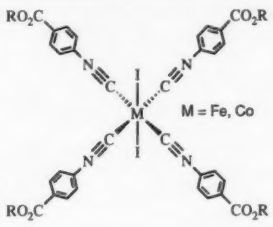
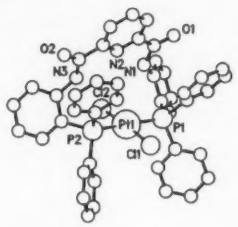
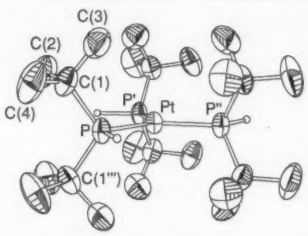
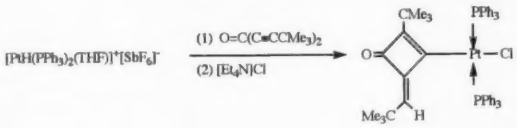
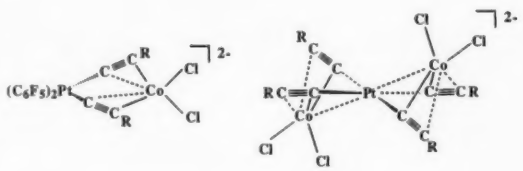
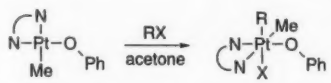


Synthesis and characterization of some transition metal complexes of alkylisocyanobenzoates ..... 161 M.E. Squires, A. Mayr	
New palladium, platinum and nickel complexes based on rigid phosphorus and nitrogen containing ligands ..... 171 E.K. van den Beuken, A. Meetsma, H. Kooijman, A.L. Spek, B.L. Feringa	
Synthesis, molecular and electronic structure of the first homoleptic complex of platinum with a secondary phosphine ..... 185 P. Leoni, G. Chiaradonna, M. Pasquali, F. Marchetti, A. Fortunelli, G. Germano	
Transformation of a dialkynyl ketone to a η^1-(*exo*-alkylidene)-cyclobutenone ligand by Pt–H addition and rearrangement reactions ..... 193 A.C. Dema, C.M. Lukehart	
Synthesis, characterisation and NMR study of paramagnetic heteropolynuclear anionic Pt–Co species. Crystal structures of $[NBu_4]_2[\{cis\text{-}Pt(C_6F_5)_2(C{\equiv}CSiMe_3)_2\}CoCl_2]\cdot 0.5(CH_3)_2CO$ and $[NBu_4]_2[\{Pt(C{\equiv}C^tBu)_4\}\{CoCl_2\}_2]\cdot 1.5(CH_3)_2CO$ ..... 199 I. Ara, J.R. Berenguer, J. Forniés, E. Lalinde	
Diamino-ligated platinum(II) and platinum(IV) phenoxide complexes; syntheses and crystal structures ..... 211 G.M. Kapteijn, M.D. Meijer, D.M. Grove, N. Veldman, A.L. Spek, G. van Koten	 N–N = bipy; R = Me (CH_2Ph) and X = I (Br)

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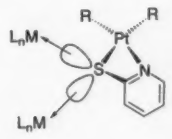

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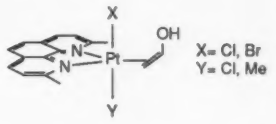

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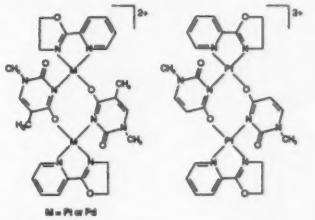

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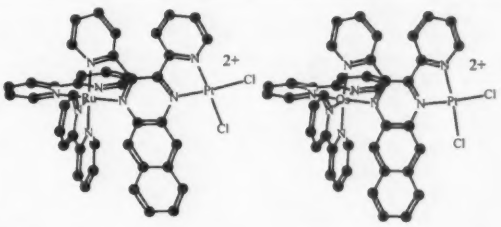

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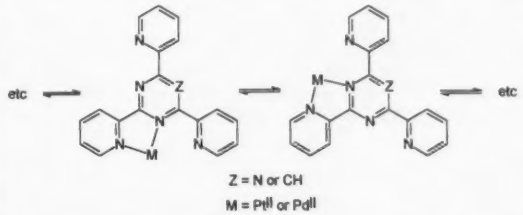

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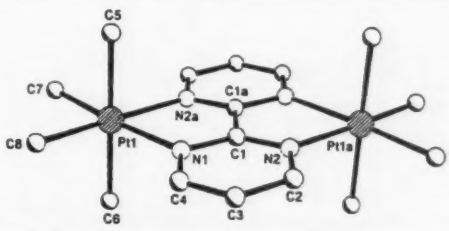

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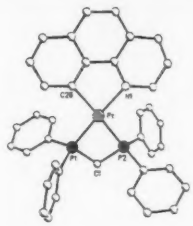
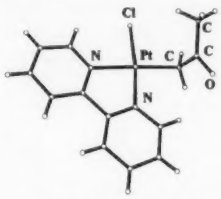
Structure, physical and photophysical properties of platinum(II) complexes containing 7,8-benzoquinoline and various bis(diphenylphosphine) ligands ..... 287 J. DePriest, G.Y. Zheng, C. Woods, D.P. Rillema, N.A. Mikirova, M.E. Zandler	
Evidence of C–H activation of acetone by a platinum(II) complex. Synthesis and structural characterization of [Pt(CH_2COCH_3)Cl(bipy)] (bipy = 2,2′-bipyridyl) ..... 297 L.R. Falvello, R. Garde, E.M. Miqueleiz, M. Tomás, E.P. Urriolabeitia	 [Pt (CH_2COCH_3)Cl (bipy)]

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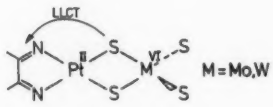
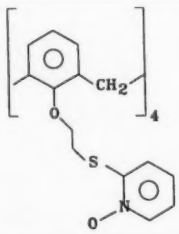
Optical ligand-to-ligand charge transfer of (1,2-diimine)Pt(II)(μ-S_2MS_2) with M = Mo(VI) and W(VI) ..... 305 H. Kunkely, A. Vogler	
Extraction of platinum from aqueous solution into chloroform using a 2-pyridylthio-*N*-oxide derivatized calix[4]arene as phase transfer reagent ..... 309 A.T. Yordanov, D.M. Roundhill	

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